

the shape of the cams, the placement of the cams within the sections and in relation to the other cams, the placement of exterior interconnections of the stationary contacts and the attachment of exterior wires are all selected to provide two discreet switching patterns, namely:

a DRIVE pattern, wherein electrical power is routed through the inverter bypass safety switch to the inverter drive, from the inverter drive back to the inverter bypass safety switch and then to an application; and

a LINE pattern, wherein electrical power is routed from an incoming power source through the inverter bypass safety switch and directly to the application.

REMARKS

Applicant has amended claims 1 and 3 by deleting the requirement that the sections be joined together "by throughbolts". The specification does not make any statement about throughbolts being required.

Applicant also has amended claim 1 by deleting the requirement that the contact block is "substantially cylindrical". The specification does not make any statement that the contact block need by substantially cylindrical.

Applicant also has amended claim 1 by deleting the requirement that the stationary contacts be in pairs. This amendment is supported in the published patent specification at col. 3, lines 39-42 where it states "Preferably, two stationary

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Concluded

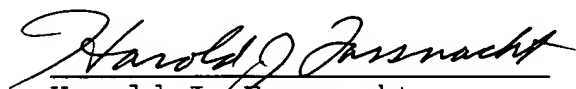
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contacts 18 are located on either side of each moveable contact 28..." (emphasis added).

Finally, applicant has added new claims 4 and 5 which contain all the limitations of claim 2 and underlying claim 1 except that they require only three and two discrete switching patterns respectively, whereas claim 2 requires four discrete switching patterns. Both of these new claims are supported in the specification at col. 4, lines 20-24 where it states "The inverter bypass safety switch may be configured in either a two position, three position, four position unit, depending on the needs of the user. The two position unit has a DRIVE and a LINE position. The three position unit has DRIVE, LINE, and OFF positions."

The Examiner is invited to telephone applicant's undersigned attorney with any questions relating to this application.

Respectfully submitted,


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